



**Figure S2.** Visual predictive check of the final model for regorafenib (a), regorafenib-N-oxide (b), and regorafenib-glucuronide (c) observations in mice. Dashed line and solid line represent the 50th, 5th and 95th percentiles for all observation data. Dark and light Gray shaded area denote the 95% CI for the 50th, 5th and 95th percentiles of the simulation data.